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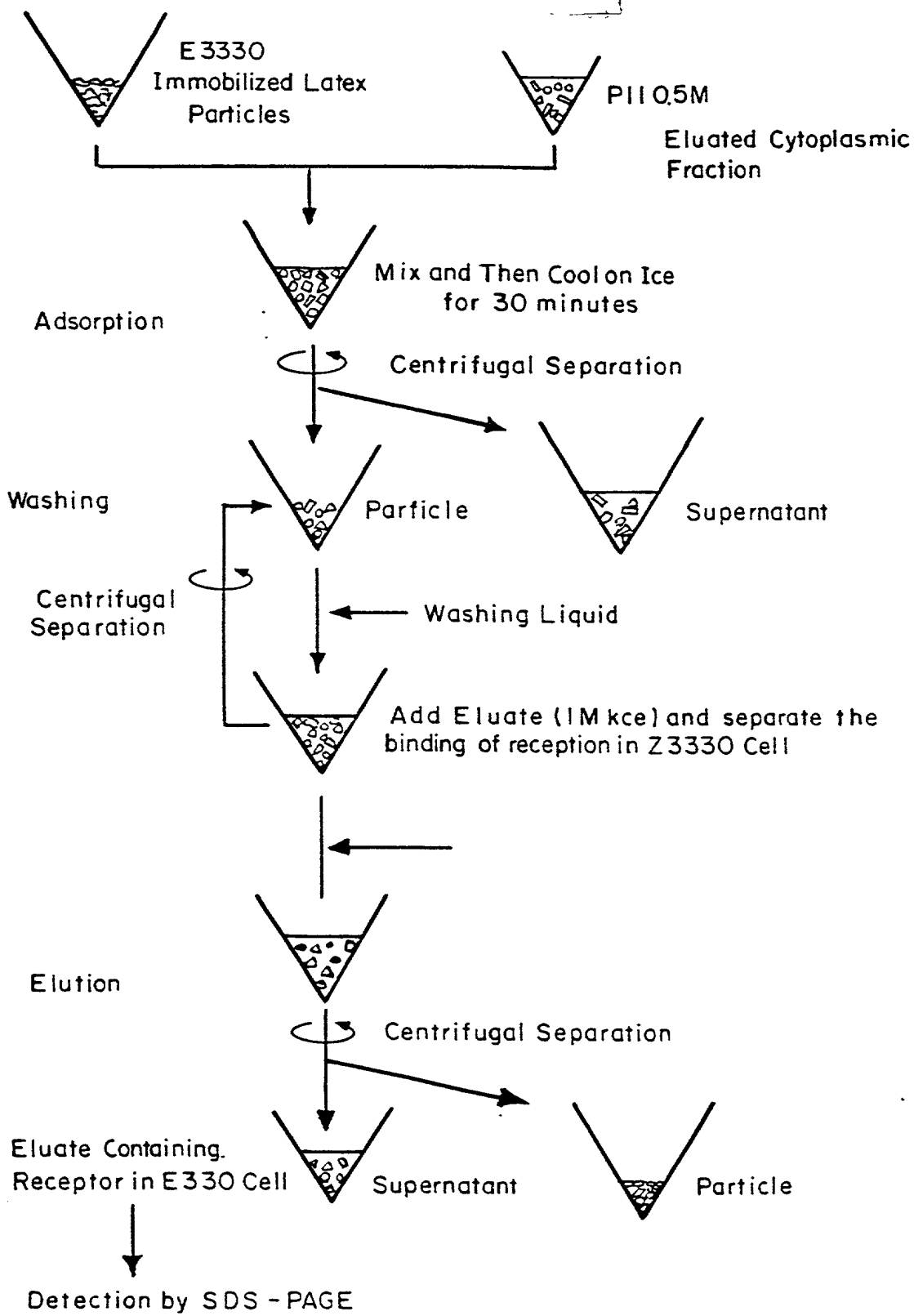


FIG. 2

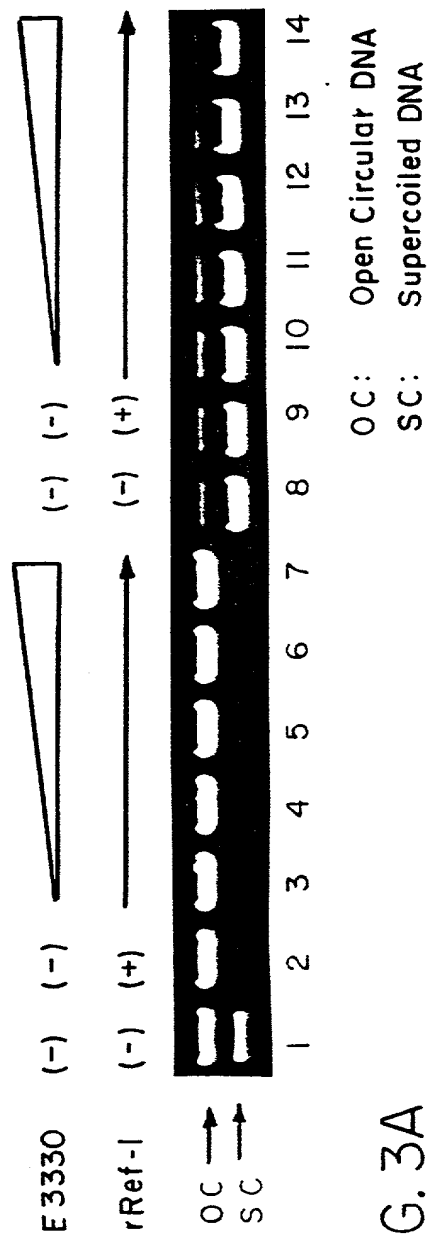


FIG. 3A

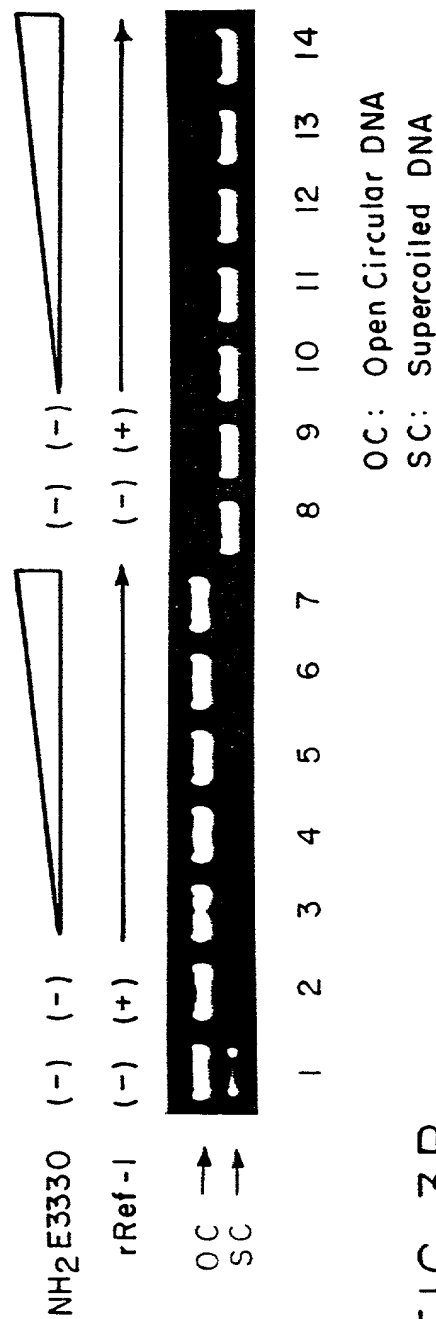


FIG. 3B

+

+ + 10 mM DTT

+ + GST-Ref-1

+ + GST-Ref-1 (- DTT)

Oxidation
State



FIG. 4A

E3330 (μ M) - 1 10 100 - 1 10 100 - 1 10 100

Oxidation State + + + + + + + + + + + +

+ 10mM DTT + GST - Ref -1



FIG. 4B



1 2 3 4 5



1 2 3 4 5 6 7 8 9 10 11 12

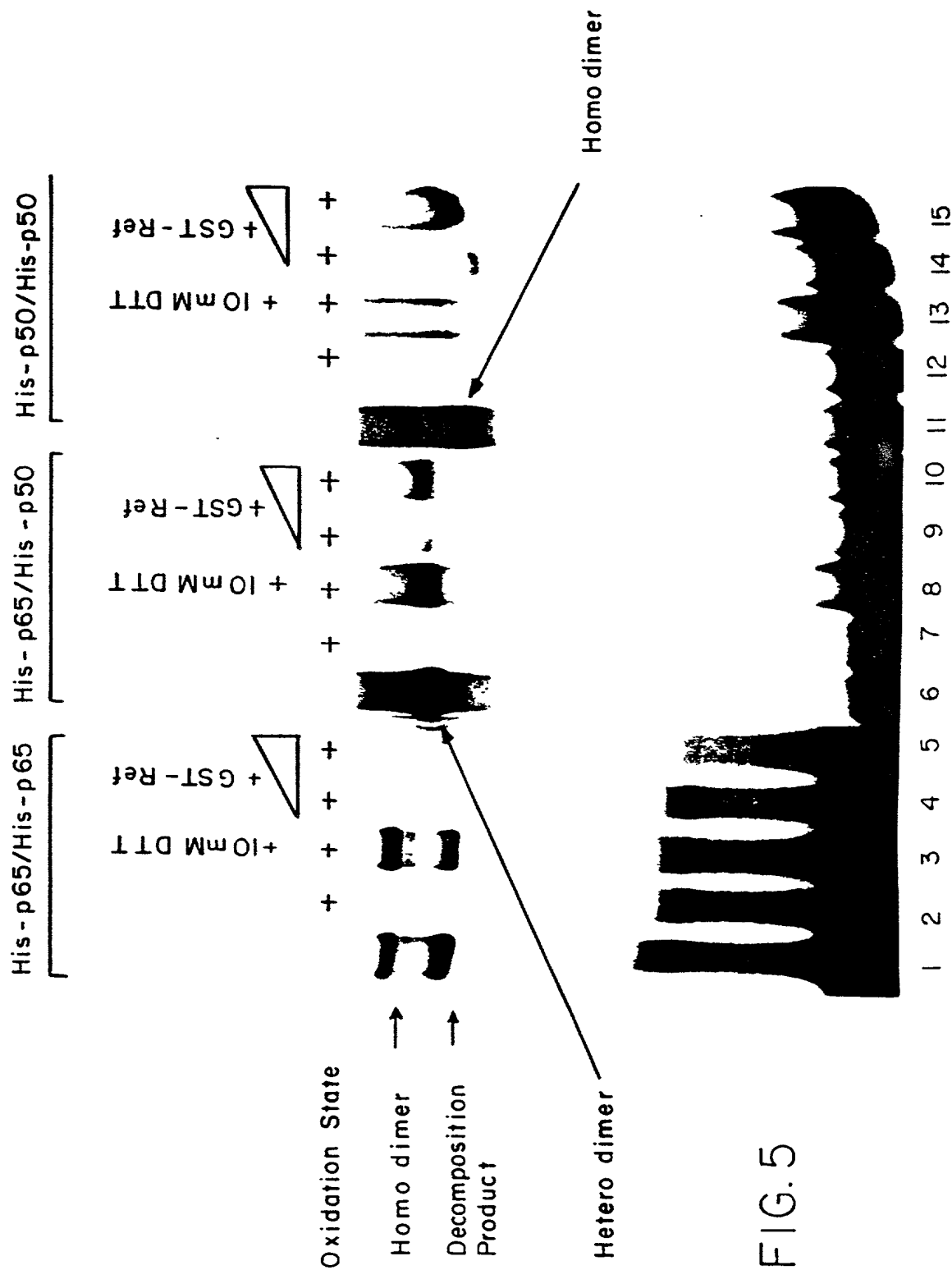


FIG. 5

- 1 Immobilize GST or GST - p50NH - KB on Glutathione Sepharose beads.
- 2 Mix each beads and His - Ref - 1.
- 3 Wash them by the buffer.
- 4 Elution by boiling.
- 5 Detect Ref - 1 carried on beads, by immunoblot method with anti - Ref - 1 antibody.

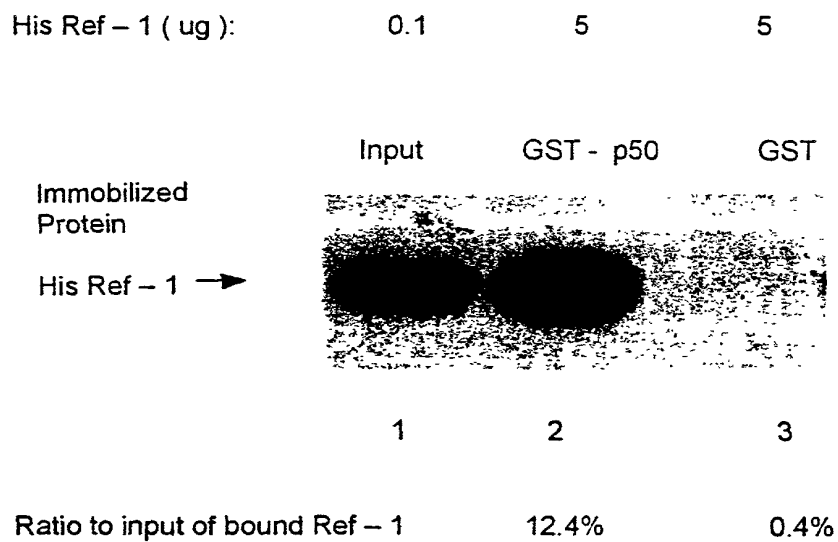


FIG. 6

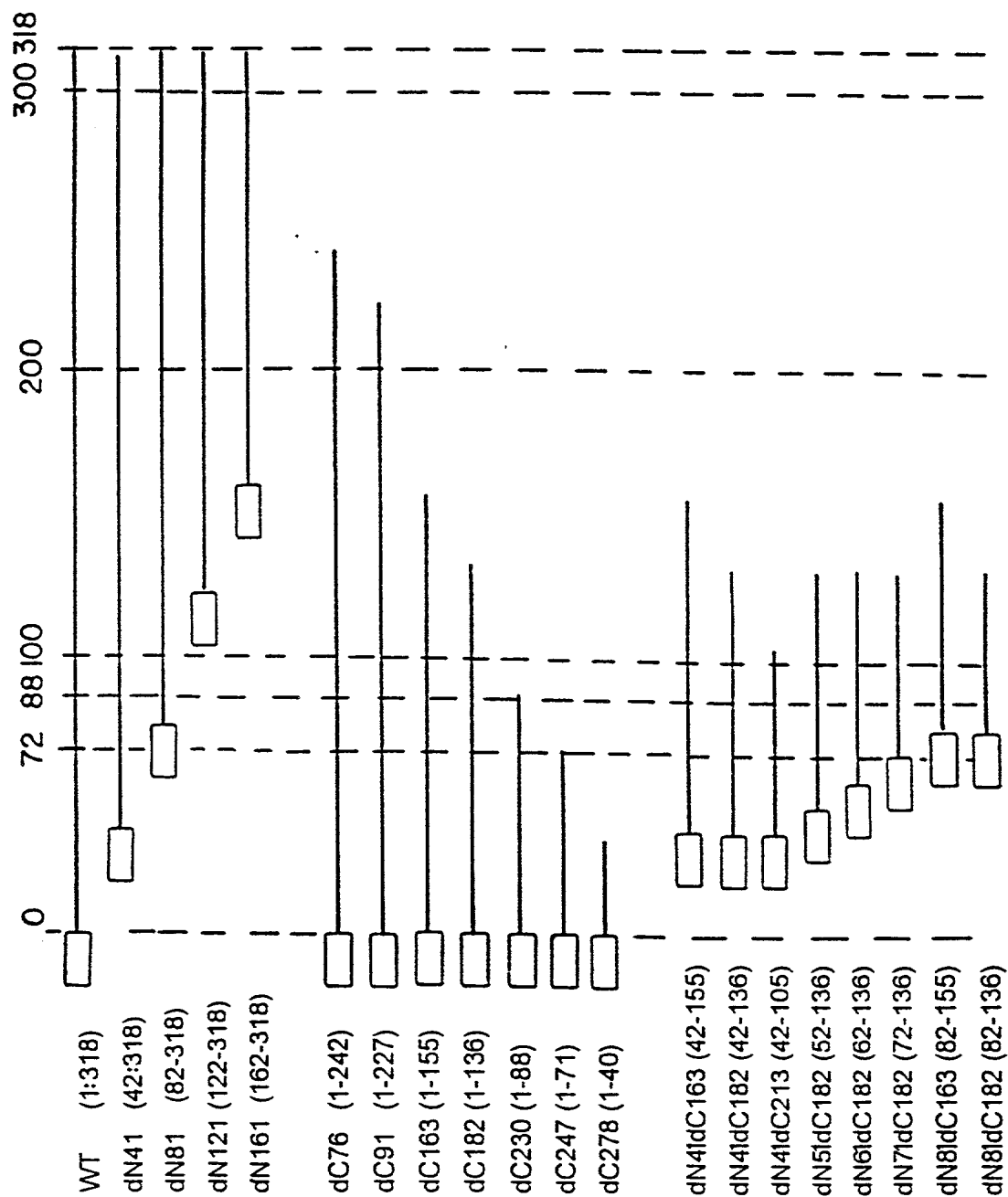


FIG. 7

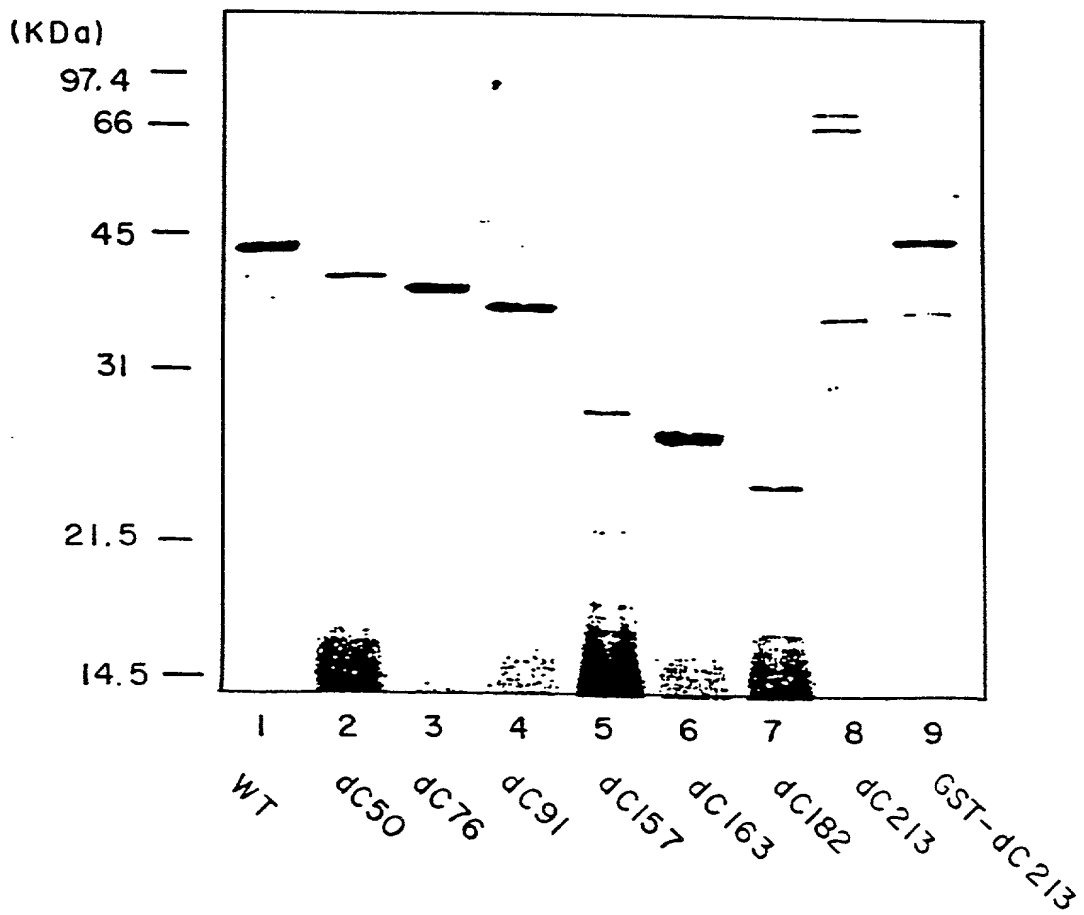


FIG. 8

(KDa)

97.4 —

66 —

45 —

31 —

21.5 —

14.5 —

1 WT
2 dN41
3 dN81
4 dN121
5 dN161
6 GST-dN181dC182
7 GST-dN41dC213
8 GST-dN181dC213
9 GST

FIG. 9

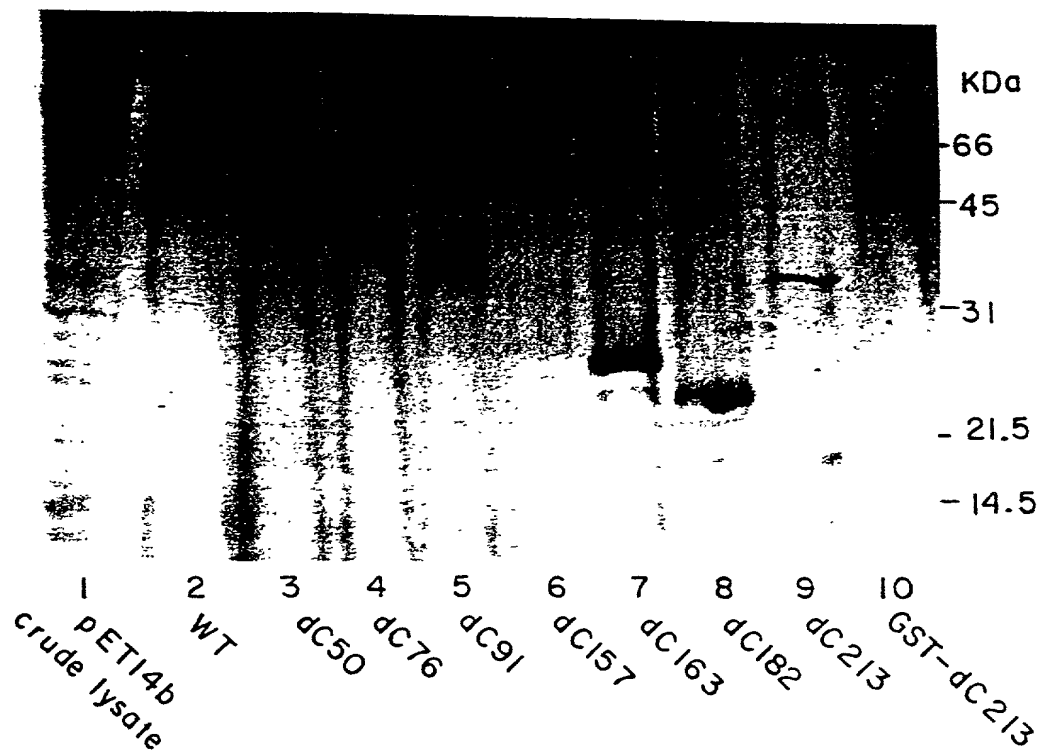


FIG. 10

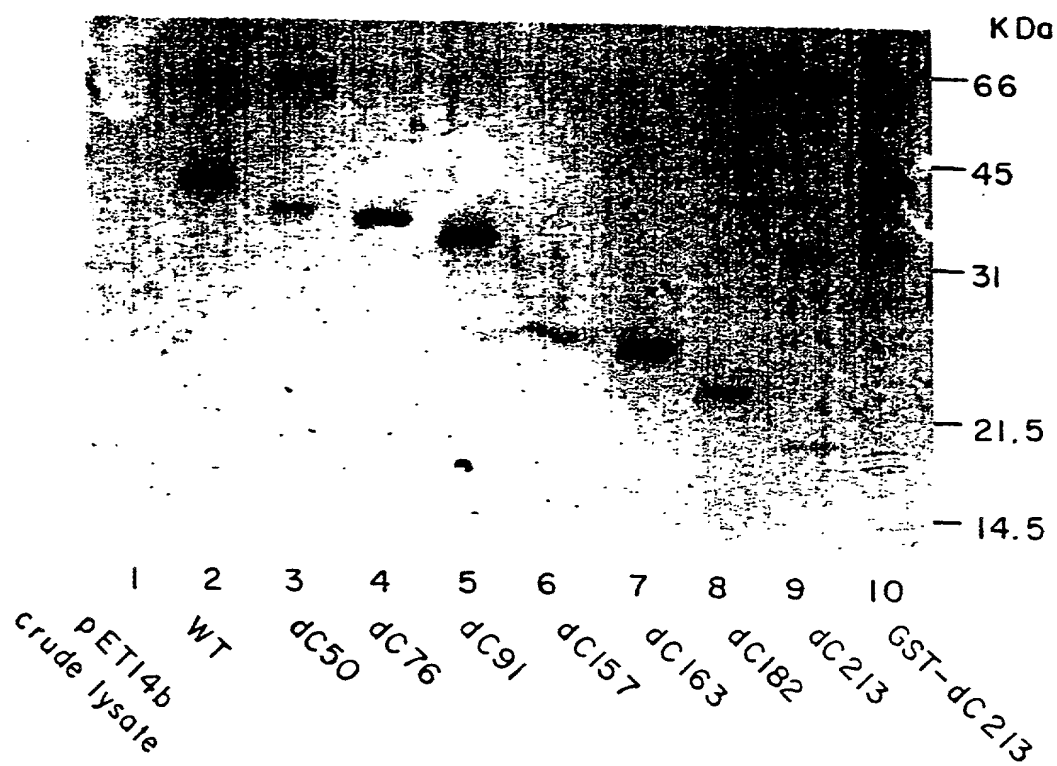
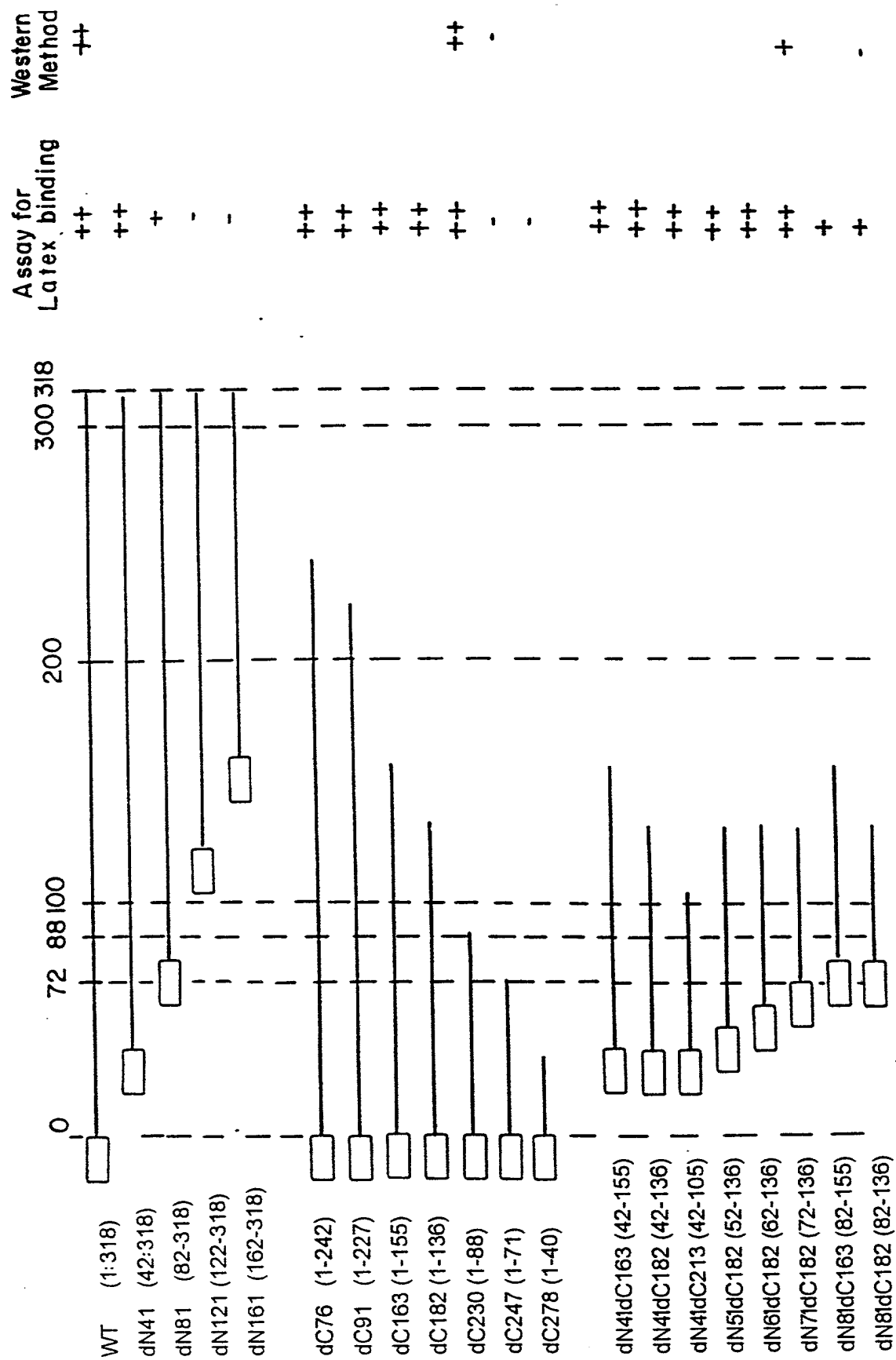
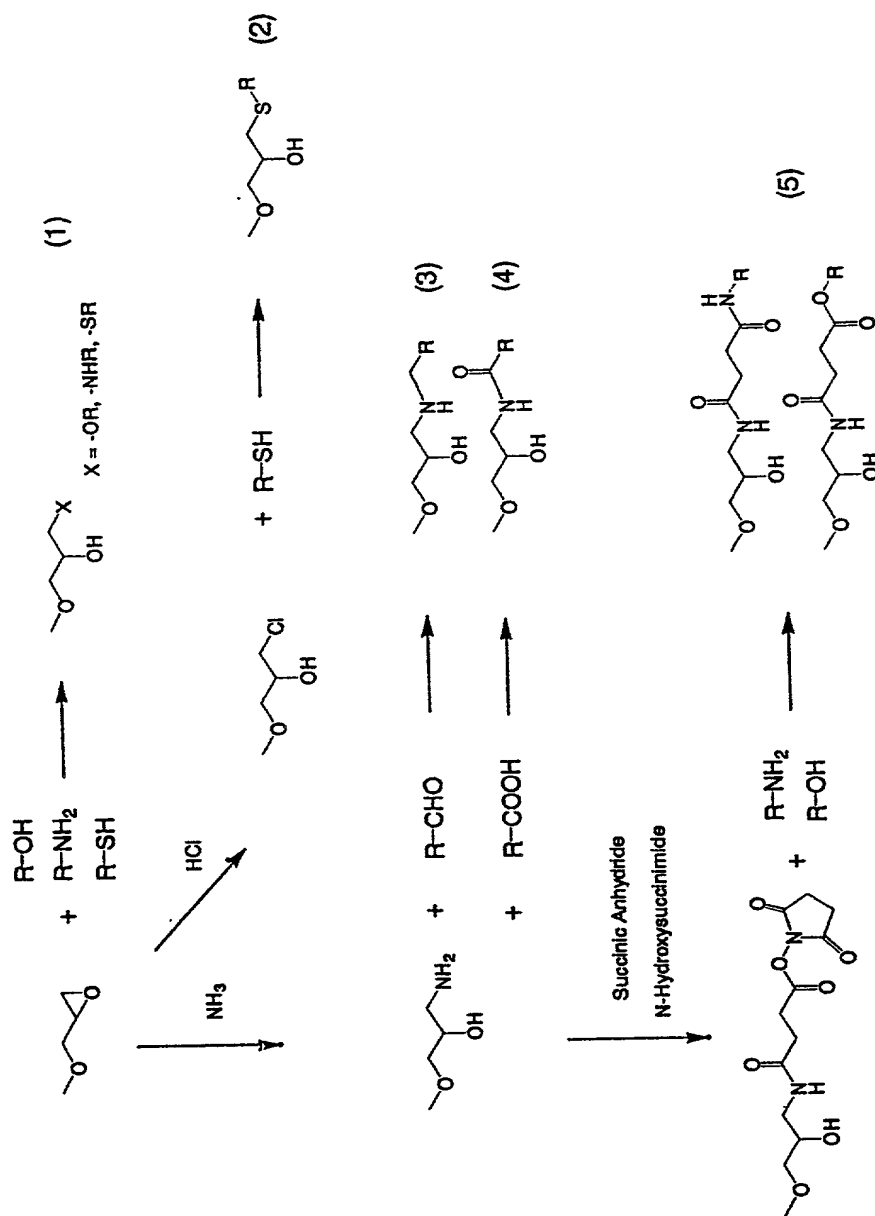


FIG. II



His tag

FIG. 12



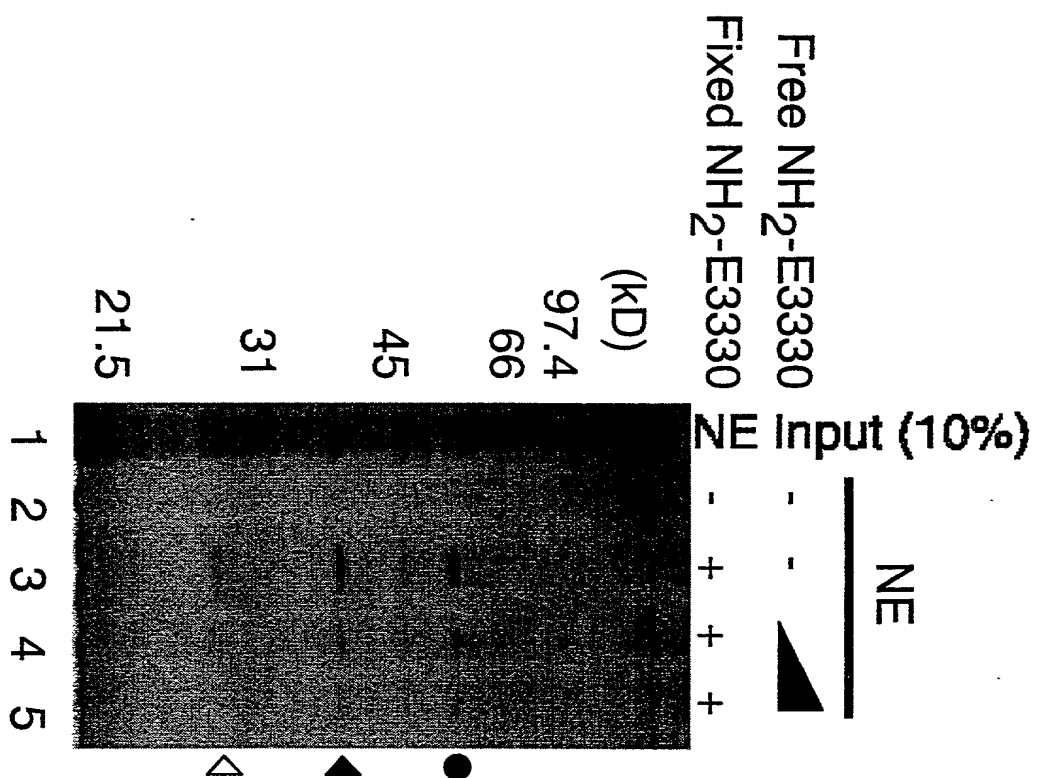


FIGURE 15

Fig. 1